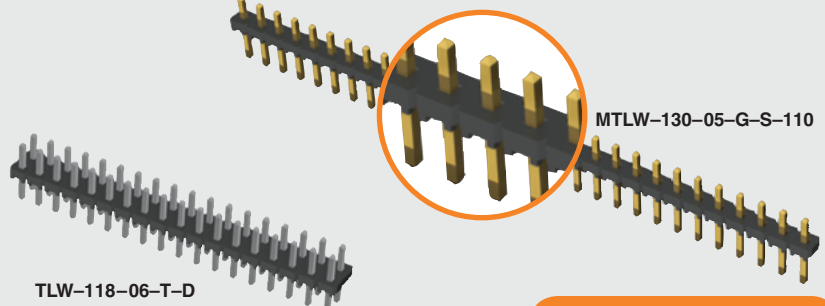


# FLEX STACK



MTLW-130-05-G-S-110

TLW-118-06-T-D

## TLW, MTLW SERIES

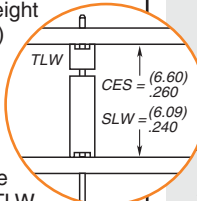
(2.54 mm) .100"

# LOW-PROFILE .025" SQ POST HEADERS

**Board Mates:**  
BSW, CES, SLW, HLE

### FEATURES

These headers provide the ultimate low-profile (0.64 mm) .025" square post board stacking system. The high quality Phosphor Bronze terminals are available with a standard short post height (TLW Series) for mating with low-profile sockets, or the post height can be Modified (MTLW Series) to accommodate IDC assemblies and other applications.



TLW	1 NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	OTHER OPTION
01 thru 40 = Single Row		Specify LEAD STYLE from chart	-F = Gold flash on post, Matte Tin on tail	-S = Single Row	-RA = Right-angle (-01 Lead Style only)
01 thru 36 = Double Row			-G = 10 μ" (0.25 μm) Gold on post, Gold flash on tail	-D = Double Row	-“XX” = Polarized Position Specify position for omitted pin.
			-T = Matte Tin		

**ALSO AVAILABLE**  
(MOQ Required)

- Other platings

### SPECIFICATIONS

For complete specifications see [www.samtec.com?TLW](http://www.samtec.com?TLW) or [www.samtec.com?MTLW](http://www.samtec.com?MTLW)

- Insulator Material:** Black Liquid Crystal Polymer
- Terminal Material:** Phosphor Bronze
- Plating:** Au or Sn over 50 μ" (1.27 μm) Ni
- Current Rating (TLW/SLW):** 5.2 A per pin (2 pins powered)
- Operating Temp Range:** -55 °C to +105 °C with Tin, -55 °C to +125 °C with Gold
- RoHS Compliant:** Yes
- Lead-Free Solderable:** Yes

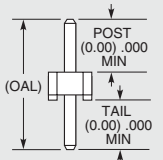
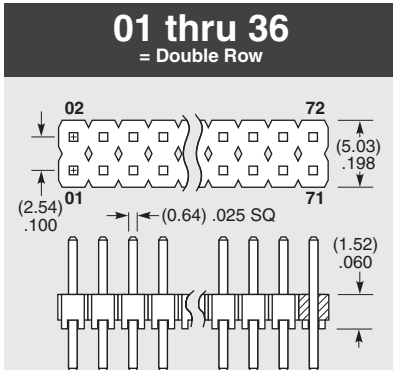
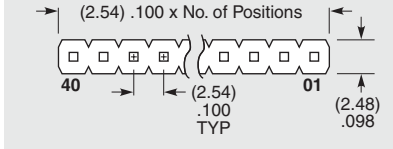
### RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



**Note:** Some lengths, styles and options are non-standard, non-returnable. MTLW Series is non-standard, non-returnable.

MTLW	1 NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	POST HEIGHT
01 thru 40 = Single Row		Specify LEAD STYLE from chart		-S = Single Row	-“XXX” = Post Height Dimension (In inches)
01 thru 36 = Double Row				-D = Double Row	
				-F = Gold flash on post, Matte Tin on tail	
				-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail	
				-G = 10 μ" (0.25 μm) Gold on post, Gold flash on tail	
				-T = Matte Tin	



LEAD STYLE	OAL
-05	(8.51) .335
-06	(7.62) .300
-07	(10.92) .430
-08	(13.46) .530
-09	(18.54) .730
-10	(21.08) .830
-22	(16.00) .630
-23	(11.30) .445
-24	(12.19) .480

Due to technical progress, all designs, specifications and components are subject to change without notice.

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